VANMA83.001APC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

: Communi et al.

MAY 2 8 1999

Group Art Unit 1646

Appl. No.

Applicant

09/077,173

Filed

November 12, 1998

For

RECEPTOR AND NUCLEIC

ACID MOLECULE ENCODING

SAID RECEPTOR

Examiner

S. Teng

SEQUENCE SUBMISSION

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

A copy of the Sequence Listing in computer readable form as required by 37 C.F.R. § 1.82(e) is submitted herewith.

As required by 37 C.F.R. § 1.82(f), the data on the enclosed disk is identical to the Sequence Listing filed on May 21, 1998. A copy of which is enclosed along with a copy of the return postcard stamped the PTO indicating receipt of the paper copy of the sequence listing.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated

5/12/99

By:

Neil S. Bartfeld, Ph.D.

Registration No. 39,901

Agent of Record

620 Newport Center Drive

Sixteenth Floor

Newport Beach, CA 92660

(619) 235-8550

S:\DOCS\NSB\NSB-2921.DOC/051299